

Converting Colors

HunterLab(36.3411, -27.0941,
13.0652)

Have a look what the booklet for
HunterLab(36.3411, -27.0941,
13.0652) contains.

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Color

**HunterLab(36.2490,
-26.9732, 12.9193)**

Conversions

Conversions Part 1

Format	Color
Hex	007544
RGB	0, 117, 68
RGB Percent	0%, 46%, 27%
CMY	1.0000, 0.5412, 0.7333
CMYK	1.00, 0.00, 0.42, 0.54
HSL	155°, 100%, 23%
HSV	155°, 100%, 46%
XYZ	7.4047, 13.1399, 7.6148
YIQ	76.4310, -54.0030, -40.0430

Conversions

Conversions Part 2

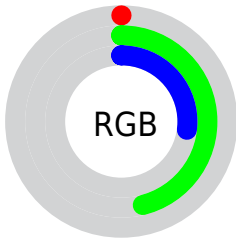
Format	Color
RYB	0, 74, 117
Decimal	30020
CIELab	42.97, -40.65, 19.28
CIELCh	43, 44.989, 154.627
Yxy	13.1404, 0.2630, 0.4666
Android (android.graphics.Color)	4278220100 (0xFF007544)
YUV	76.4310, -4.1565, -67.0300
Hunter-Lab	36.2490, -26.9732, 12.9193

Details

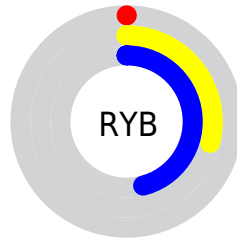
The HunterLab color **36.2490, -26.9732, 12.9193** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **20.0098, 35.3746, 4.3378**, and the grayscale version is **27.0672, -1.4442, 1.4706**.

A 20% lighter version of the original color is **56.1513, -33.1375, 16.2497**, and **20.1996, -16.1557, 9.6276** is the 20% darker color. If you saturate the color by 10%, you get **36.2497, -26.9739, 12.9200**, and if you desaturate by 10%, it is **36.4401, -26.0111, 11.7709**.

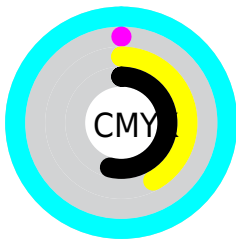
Distribution



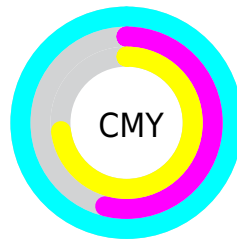
- Red (0%)
- Green (46%)
- Blue (27%)



- Red (0%)
- Yellow (29%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.2490, -26.9732, 12.9193 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 36.2490, -26.9732, 12.9193 by changing the saturation by 10% instead.

■ 36.2490, -26.9732,
12.9193

■ 36.2490, -26.9732,
12.9193

145.5389,
-51.7601, 27.5293

■ 27.4323, -23.5066,
11.0643

■ 56.1746, -33.2278,
16.3829

■ 19.4750, -19.6895,
9.0732

■ 67.1751, -36.1219,
18.0372

■ 12.4832, -16.5141,
7.7118

■ 78.8125, -38.9049,
19.6588

■ 5.7380, -10.0415,
4.0166

■ 91.0537, -41.5987,
21.2569

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.8703,
-44.2198, 22.8384

0.0000, NaN, NaN

■ 117.2375,

0.0000, NaN, NaN

-46.7807, 24.4085

0.0000, NaN, NaN

131.1335,
-49.2915, 25.9710

36.2490, -26.9732,
12.9193

36.2490, -26.9732,
12.9193

36.2497, -26.9739,
12.9200

36.4401, -26.0111,
11.7709

36.6841, -24.8213,
10.5808

37.0164, -23.2690,
9.3905

37.4443, -21.3374,
8.2169

37.9728, -19.0230,
7.0759

■ 38.6049, -16.3334,
5.9817

■ 39.3421, -13.2854,
4.9468

■ 40.1843, -9.9025,
3.9817

■ 41.1303, -6.2133,
3.0946

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.2497, -18.6876, 19.3568



36.2490, -26.9732, 12.9193



36.2497, -29.0795, -0.6232

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.2497, -26.9735, 12.9196



36.2497, 0.7359, -44.6498



36.2497, 29.0366, 15.5582

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36.2490, -26.9732, 12.9193



20.0098, 35.3746, 4.3378

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



36.2497, 36.6903, 4.3907



36.2490, -26.9732, 12.9193



36.2497, 18.5474, -34.0227

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.2497, -26.9735, 12.9196



36.2497, -14.8941, -38.8085



36.2497, 32.5372, -14.0204



36.2497, 13.1442, 20.3144

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.2490, -26.9732, 12.9193



36.2497, -27.1001, -13.5043



36.2497, 32.5372, -14.0204



36.2497, 32.7790, 12.6774

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36.2497, -26.9735, 12.9196



52.5637, -18.1121, 6.7243



36.6322, -26.5281, 22.1079



25.0425, -9.3479, 3.4395



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.2497, -26.9735, 12.9196



48.4793, -36.2694, 17.7003



35.0212, -16.9376, -7.2097



20.3238, -2.8813, 1.4858



38.0450, -28.3382, 13.6211



83.8813, -63.1963, 31.5784

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



20.0098, 35.3746, 4.3378



26.7271, 47.1593, 6.5084



19.8783, 31.8519, 12.8062



19.2975, 0.8393, 0.7073



20.9957, 37.1052, 4.6564



46.1720, 81.2648, 12.8284

Previews

White Background



This preview shows how the HunterLab color 36.2490, -26.9732, 12.9193 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 36.2490, -26.9732, 12.9193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 36.2490, -26.9732, 12.9193 Background



This preview shows how black text looks on a background with the HunterLab color 36.2490, -26.9732, 12.9193.



This preview shows how white text looks on a background with the HunterLab color 36.2490,

-26.9732, 12.9193.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

36.2490, -26.9732, 12.9193

Protanopia

36.1036, -3.4627, 14.7019

Deuteranopia

36.0881, 2.2500, 11.9208



Tritanopia

36.3848, -14.2668, -6.7852

Trichromacy



Original Color

36.2490, -26.9732, 12.9193

Protanomaly

34.9645, -16.3560, 13.0335

Deuteranomaly

34.4849, -13.4102, 10.7655

Tritanomaly

36.0317, -19.9259, 1.5946

Monochromacy



Original Color

36.2490, -26.9732, 12.9193

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

29.3114, -13.7661, 5.0704

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.2490, -26.9732, 12.9193 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 117, 68)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 68)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 117, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 36.2490, -26.9732, 12.9193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 117, 68) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 117, 68) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 117, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 68);  
box-shadow:4px 4px 4px 4px rgb(0, 117, 68)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.2490, -26.9732, 12.9193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 117, 68) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 117,  
68) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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